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**Atlas CW1040 Series Primary Slitter Rewinder**



## Atlas CW1040 Series Primary Slitter Rewinder



The Atlas CW1040 Series of primary film slitters is part of a new technology platform which delivers higher efficiency, more productivity, higher quality rewind reels, reduced noise levels and more effective operator control systems.

The Atlas CW1040 is available in web widths from 8000mm to 10,400mm, with an improved web path configuration. The electrical control cabinets are fully integrated which reduces the space required for installation, with 'under floor' service trenches no longer required.

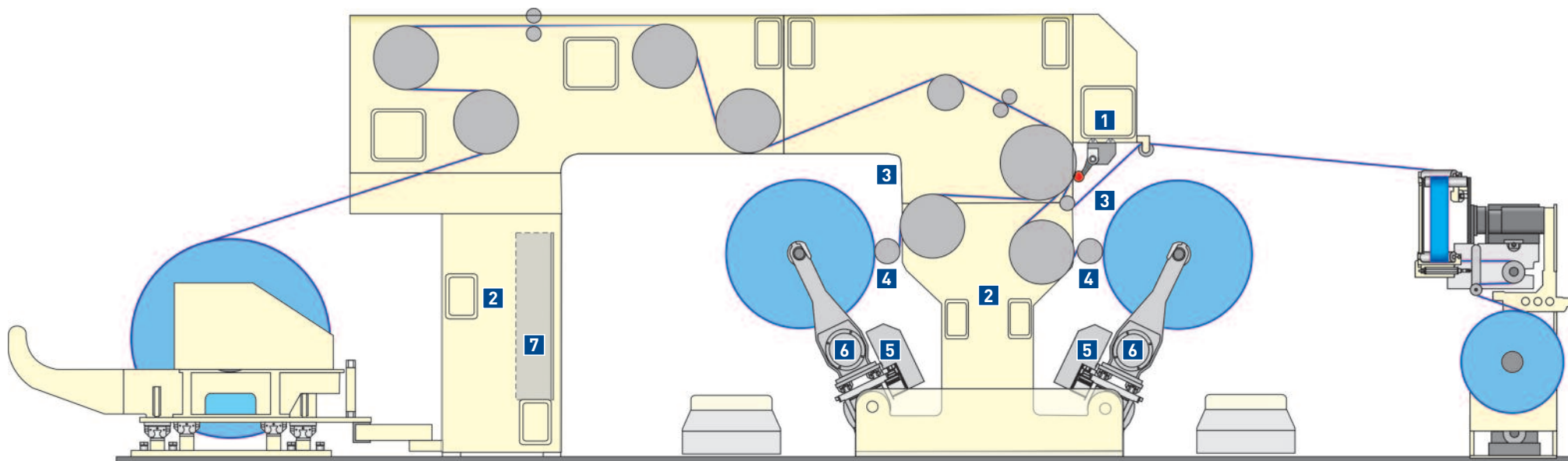
In addition, high efficiency motors, improved hydraulics and a reduction in electrical wiring make the new CW Series a more environmentally friendly solution.

### Standard features

- Automatic wireless rewind arm positioning system
- Individual direct acting contact rolls
- Linear dancer roller for precise web tension
- High efficiency hydraulic system
- Running speed up to 1200m/min.
- Widths from 8000 to 9100mm
- Slitting in groove to a minimum width of 300mm
- Automatic knife positioning system
- Single-sided web threading system
- External edge trim winders
- Integrated fault diagnostics with remote internet access
- Rewind static control system
- Driven rollers

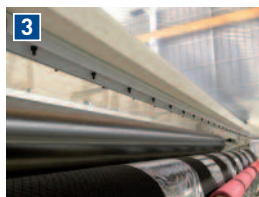
### Optional features

- Choice of narrow & heavy-duty rewind arms
- Running speed up to 1500m/min.
- Dual-sided web threading system
- Additional unwind static control bars
- Splice table
- Minimum slit width 200mm
- Web width of 10,400mm
- Unwind & rewind section safety scanners



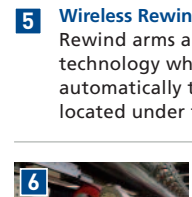
**1 Automatic Knife Positioning**

Uses the Atlas pick & place system for setting the knives in groove. A camera shows the position of the blade in relation to the groove with image displayed on the main control screen.



**3 Static Control System**

There are two DC pulse static control bars mounted in the rewind section of the machine to reduce the static charge in the internal & external rewind reels. (Two additional static control bars available as an option).



**5 Wireless Rewind Arm Positioning**

Rewind arms are positioned using industrial 'Bluetooth' technology which also sends speed and tension references automatically to the drives. Power is provided by a DC bus bar located under the rewind beams.



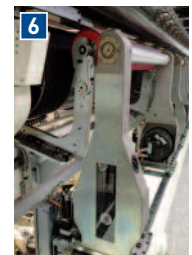
**2 Human-Machine Interface (HMI)**

One fully integrated master control screen is mounted on the machine guard and simplifies operation with seven slave screens positioned around the machine for operator interface.



**4 Contact Rolls**

The contact roll arms provide more precise contact, which enables higher quality rewind reels. Contact roll parking enables reduced set-up time and increased productivity.



**6 Rewind Arms**

Three types of rewind arms are available for slit widths as narrow as 200mm with heavy-duty arms for wider reels and rewind diameters up to 1200mm. A reduced number of belts per driven rewind arm improves reliability. The rewind motors have torque characteristics that increase efficiency & productivity.

**7 Drive Control Panels**

The electrical control panels are air-conditioned and fully integrated in to the unwind section which reduces the space required for installation and reduces the overall machine 'footprint'.

## Machine Specification

### Technical Data

<b>Web Width</b>	from 8000mm (315in) to 9100mm (358in)
<i>Option</i>	<i>10,400mm (410in)</i>
<b>Maximum Unwind Diameter</b>	1500mm (59in)
<b>Maximum Rewind Diameter</b>	1200mm (47in)
<i>Option</i>	<i>1500mm (59in)</i>
<b>Maximum Production Speed</b>	1200m/min. (3940ft/min.)
<i>Option</i>	<i>1500m/min. (4920ft/min.)</i>
<b>Minimum Slit Width</b>	300mm (12in)
<i>Option</i>	<i>200mm (8in)</i>
<b>Maximum Slit Width</b>	4200mm (165in)

### Materials

<b>Plastic Films</b>	BOPP, BOPET & synthetic paper from 8 - 200 micron
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